

Suitable for Geography Year 5 and other ages

Teachers Notes

A Contrasting UK Locality – Destination of a Field Trip

Introduction

These teacher's notes describe a set of activities based on Ordnance Survey mapping, to satisfy learning objectives from the National Curriculum. These activities should be used in conjunction with the QCA Scheme of Work 'A contrasting UK locality' which can be found at www.standards.dfes.gov.uk

National Curriculum.

The following activities link to the Geography Programme of study:

- 1a. Asking geographical questions
 - 1c Analyse evidence and draw conclusions
- 2a. Using appropriate geographical vocabulary
- 2c. Using maps and plans at a range of scales
- 2f. Using ICT to help in geographical investigations
- 3a. Identifying and describing what places are like
- 3b Knowledge and understanding of the location of places and environments studied
- 3d Explaining why places are as they are
- 4a. Recognising and explaining patterns made by individual physical and human processes in the environment
- 6a. Studying a locality in the United Kingdom
- 6d. Studying how settlements differ and change, including why they differ in size and character
- 7a. Studying at a range of scales – local
- 7b Studying places and environments in different parts of the UK

Links to ICT:

- 1b Finding information
- 1c interpreting information

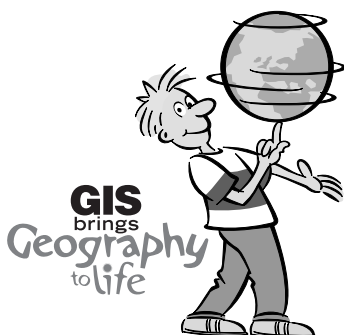
Mapping access tools

MapsDirect for Schools (www.maps-direct.co.uk/schools/) is a new Internet service provided jointly by Ordnance Survey and ESRI (UK) to provide easy access for schools to large-scale Ordnance Survey mapping and data. Using the web browser, schools can instantly find map data covering an area of interest by typing in a postcode or place name, and the maps can be printed out or copied into documents for schoolwork. Some basic drawing and measurement tools are included.

A separate Practice Exercise worksheet is provided to help children get to grips with using the MapsDirect site, and this has an accompanying 'Introducing MapsDirect' help sheet. It is strongly recommended that this exercise is completed before starting the units below.

Map Symbols

Pupils will need to know the meaning of many of the symbols used on O.S Landranger maps (1:50,000 scale). These can be found on any map in the Landranger series, or on the Ordnance Survey website, at www.mapzone.co.uk/pageshomeworkhelp/mapability/mapsymbols/.



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A contrasting UK locality

This unit should be used in conjunction with a residential field trip planned for the class.

- Pupils will need to know the postcode of the place where they will be staying. Youth hostels field centres and campsites can usually be easily identified. If the group is staying in a hotel or guesthouse pupils may need help in locating it on the map.
- Pupils will need to fill in the destination of the field trip on the blank lines on the task sheets.
- The unit can be used instead of 'A contrasting UK locality – Llandudno'.

Facilities needed

This requires direct use of the MapsDirect website.

Learning Objectives

Children should learn

- to use and interpret maps
- to use geographical vocabulary
- to identify main physical and human features

Learning Outcomes

Children will

- use maps to predict what the destination will be like, noting main human and physical features

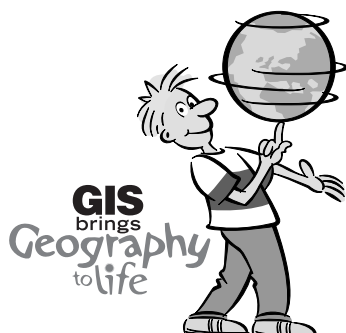
Pupils tasks

A contrasting UK locality

What do we expect it to be like?

To do these tasks you need to use the Internet website called MapsDirect

1. Click on *Post Code* and type in the postcode of the Youth hostel/hotel/campsite where you are going to stay. What is the scale of the map?
2. To see more detail zoom to scale 1: 2500. To see road names and house numbers zoom to scale 1:1250.
3. When you find the place where you'll be staying drag it to the centre of the screen. Click on *Pan* and click and hold on the place.
4. Colour it by clicking on *Floodfill* and clicking on the feature.
5. Describe what you would see on each side of the building/site.
6. Zoom to scale 1:2500.
7. On paper draw a plan of the area around your accommodation showing roads, buildings and other human and natural features.
8. Write a description of the area you can see on your map.



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9. In the 1:2500 column, tick any of these features you can see on the map. Add any other major features in the blank rows at the bottom.

	1:2500	1:5000	1:10000	1:20000	1:35000
Sea					
River/lake					
Woods/forest					
Farmland					
Hills/mountains/moors					
Houses					
Parking					
Small roads					
B road					
A road					
Motorway					
Railway Station					
Hospital					
Church					
Swimming pool					
Sports ground					
Post Office					
Museum					
Camp/caravan site					
Ancient site					

10. Zoom to scale 1:5000. In the 1:5000 column, tick any features you can see on the map.

11. Zoom to scale 1:10000. In the 1:10000 column, tick any features you can see on the map.

12. Zoom to scale 1:20000. In the 1:20000 column, tick any features you can see on the map.

13. Zoom to scale 1:35000. In the 1:35000 column, tick any features you can see on the map.

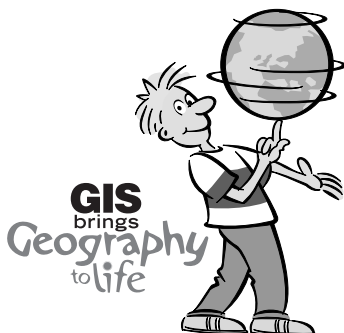
14. Examine the locality at 1:2500 to see the neighbourhood in detail.

Buildings

15. Make a list of the buildings marked on the map

16. Built-up areas are shaded. What colour are they shaded?

17. What sort of buildings do you expect to see?



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Land Use

18. What are the main physical features (not man-made)?
19. What the main man-made features?
20. What do you think the area will be like?
21. Zoom to scale 1:25000 to see the main features in the surrounding area.

Buildings

22. Make a list of the buildings marked on the map e.g. TH – Town Hall
23. What other buildings do you expect to see in the town?

Land Use

24. What are the main physical features (not man-made)?
25. What the main man-made features?
26. What do you think the area will be like?

Economic Activities

27. Make a list of jobs you think you would find in the town e.g. bus driver.
28. Categorise the jobs as primary (P) – 'take it', secondary (S) – 'make it' or tertiary (T) – 'sell it'.

Leisure

29. Use the map to make a list of things you think people could do in their leisure time.

What are the main similarities and differences between our locality and _____ ?

Facilities needed

This requires direct use of the MapsDirect website.

Learning Objectives

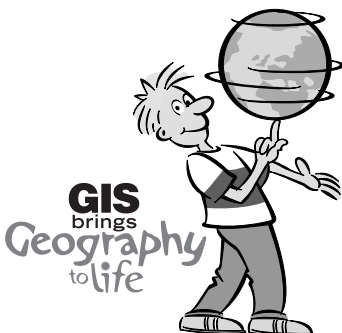
Children should learn

- to understand similarities and differences between places

Learning Outcomes

Children will

- understand similarities and differences between the destination of the field trip and their local area





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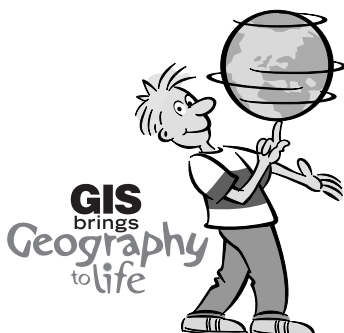
Pupils Tasks

To do these tasks you need to use the Internet website MapsDirect

1. You should see a map showing your school. If not ask your teacher for help.
2. Colour your school by clicking on Floodfill and clicking on the school.
3. Zoom to scale 1:2500, and in the 1:2500 column, tick any of these features you can see on the map. Add any other major features in the blank rows at the bottom.

	1:2500	1:5000	1:10000	1:20000	1:35000
Sea					
River/lake					
Woods/forest					
Farmland					
Hills/mountains/moors					
Houses					
Parking					
Small roads					
B road					
A road					
Motorway					
Railway Station					
Hospital					
Church					
Swimming pool					
Sports ground					
Post Office					
Museum					
Camp/caravan site					
Ancient site					

4. Zoom to scale 1:5000. In the 1:5000 column tick any features you can see on the map
5. Zoom to scale 1:10000. In the 1:10000. column tick any features you can see on the map
6. Zoom to scale 1:20000. In the 1: 20000 tick any features you can see on the map
7. Zoom to scale 1:35000. In the 1: 35000 column tick any features you can see on the map
8. Look at the list of features in _____. What features did you tick that aren't in your locality?



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9. Examine your locality at two scales.

Buildings

10. At 1:2500 make a list of the buildings near your school.

11. Zoom to scale 1:25000 and list the buildings marked on the map.

12. How are the buildings similar to those in _____? How are they different? Can you think of reasons for the differences?

Land use

13. Use the map(s) and your own knowledge to make a list of natural land features in your locality.

14. Make a list of the man-made features.

15. Look again at _____ by typing the name in Place search.

16. What similarities are there between land uses there and in your locality? What differences are there? Can you think of reasons why?

Economic activities

17. Look at your list of possible jobs in _____. What jobs could people do there that you can't find not in your locality? Are there different jobs in your locality?

Comparison

18. What are the main similarities between the two places? What are the main differences?

